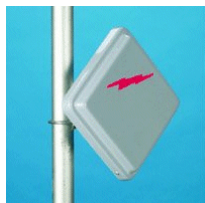




Antenna Product Information



FPA5250D24-N --

2 ft. (0.6 m) Flat Panel Array Antenna for 5.25-5.85 GHz with Single Polarized Type N Female Feed

Antenna Specifications

Frequency, GHz	5.250 - 5.850 GHz
Part Number	FPA5250D24-N
Description	2 ft. (0.6 m) Flat Panel Array Antenna for 5.25-5.85 GHz with Single Polarized Type N Female Feed
Feed Input Options	N Female
Radome Options	
Polarization	Single
Regulatory Compliance	
Gain, Low, dBi	
Gain, Mid, dBi	28.50
Gain, Top, dBi	
Beamwidth, deg.	4.80
Cross. Pol. Disc, dB	30.00
F/B Ratio, dB	43.00
VSWR max.	1.50
Return Loss, dB	14.00

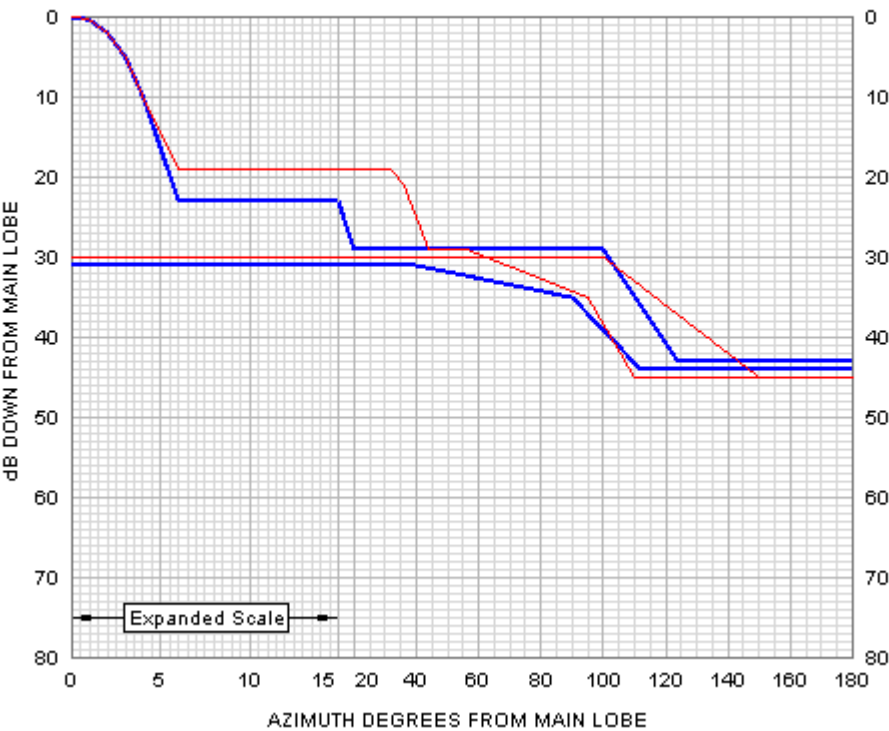
FPA5250D24-N Antenna - Radiation Pattern Envelope

[View RPE 4744 \(full screen view\)](#)

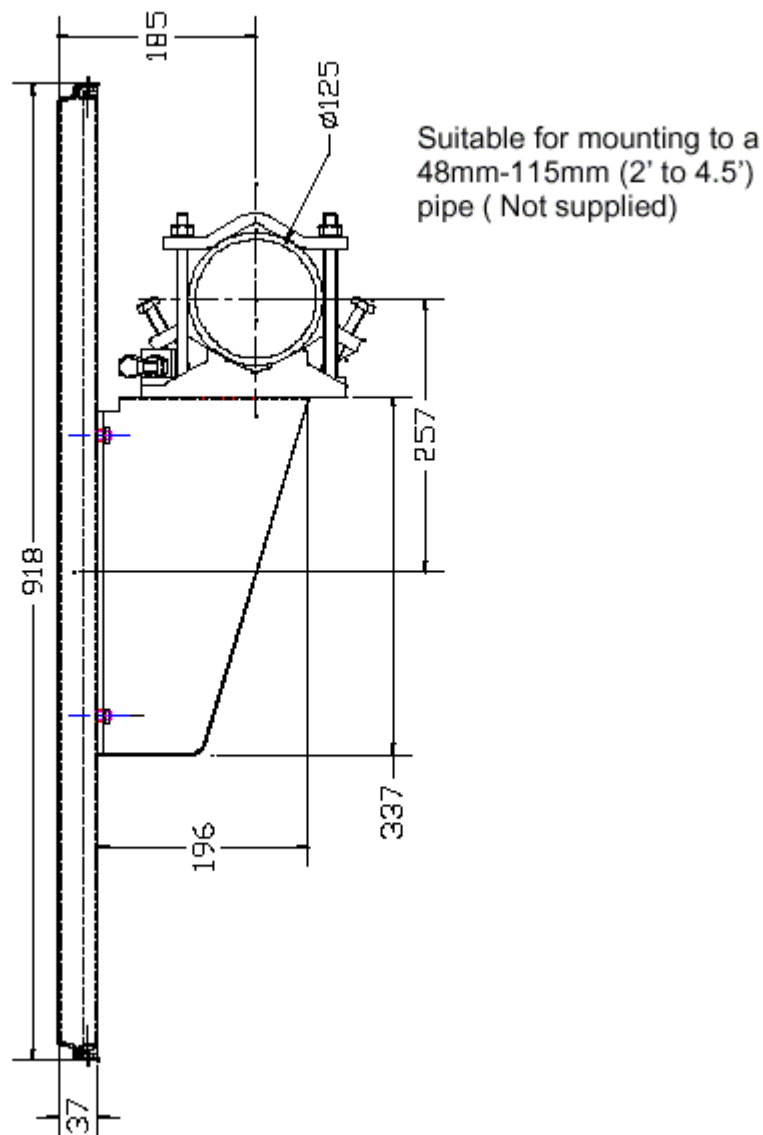
RPE - 4744

Envelope for a Horizontally Polarized Antenna (HH, HV)

Envelope for a Vertically Polarized Antenna (VV, VH)

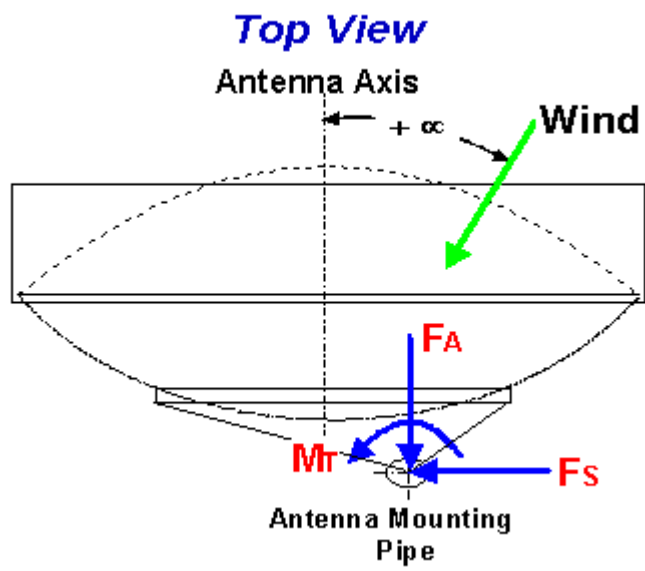


FPA5250D24-N Antenna - Outline Dimensions



Antenna Dimensions in inches (mm)

FPA5250D24-N Antenna - Wind Forces



Wind Forces at 125 mph (200 km/h)	
Axial Force, F_A lb (N)	267 (1216)
Side Force, F_S lb (N)	55 (250)
Moment, M_T lb-ft (Nm)	175 (237)
Angle α For M_T Max	90